



STIC Search Report

EIC 1700

STIC Database Tracking Number: 152933

TO: Jeffrey Robertson
Location: REM 10A69
Art Unit : 1712
May 10, 2005

Case Serial Number: 09/913726

From: Mrs. Kendra Banks
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,524,717

Current session 10/05/2005

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

Last connection: 06/05/05 17*01*01

10/05/05 13*46*35

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Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,60
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.64 USD
Cost estimated for the last database search : 0.64 USD
Estimated total session cost : 0.64 USD

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Announcing enhanced searchability of Relevancy Codes in Search Reports
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-To retrieve set of high relevancy X coded cited patents, use xctx=yes
-To extract cited patents with only high relevancy code, use mem/xctx
Last update of file: 2005/05/04 (YYYY/MM/DD) 2005-17/UP (last update)

Search statement 1

Query/Command : US6524717/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6524717 B1 20030225 [US6524717]
TI - (B1) Prepreg, metal-clad laminate, and printed circuit board obtained from these
PA - (B1) HITACHI CHEMICAL CO LTD (JP)
PA0 - Hitachi Chemical Company, Ltd., Tokyo [JP]
IN - (B1) TAKANO NOZOMU (JP); FUKUDA TOMIO (JP); MIYATAKE MASATO (JP); OSE MASAHISA (JP)
AP - US91372601 20010817 [2001US-0913726]
FD - PCT/JP00/00891 20000217 [2000WO-JP00891]
 WO00/49070 20000824 [WO200049070]
PR - JP4075499 19990219 [1999JP-0040754]
 WOJP0000891 20000217 [2000WO-JP00891]
IC - (B1) B32B-015/08 B32B-025/20 C08R-009/06
EC - C08J-005/24
 H05K-001/03C4D
PCL - ORIGINAL (O) : 428450000; CROSS-REFERENCE (X) : 428447000
 428448000 523206000 523207000 523209000 523212000 524588000
DT - Corresponding document
CT - US5077115; US5182173; US5223568; US5569684; US5612399; US5641997;
 US5677045; US5753358; US6197149; EP0707038; EP0837090; JP1-204953
 Supplementary European Search Report for EP00903999 (completed Jul. 26,
 2002).
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - This invention relates to a prepreg which comprises a substrate and a resin composition containing a resin, an inorganic filler in an amount of 25% by volume based on the total volume of a solid component of the resin composition and a silicone polymer, which resin composition being impregnated into the substrate, and to a metal-clad-laminated board which comprises at least one metal foil being laminated on both surfaces or one surface of the prepreg mentioned above, or a laminated board of the prepgres under heating and pressure.
UP - 2003-10

1/1 LGST - ©EPO

PN - US6524717 B1 20030225 [US6524717]
AP - US91372601 20010817 [2001US-0913726]
ACT - 20010817 US/AS-A
 ASSIGNMENT
 OWNER: HITACHI CHEMICAL CO., LTD. 1-1, NISHI-SHINJUKU 2-C;
 EFFECTIVE DATE: 20010803
 ASSIGNMENT OF ASSIGNEES INTEREST;ASSIGNEES:TAKANO,
 NOZOMU;FUKUDA, TOMIO;MIYATAKE, MASATO;AND
 OTHERS;REEL/FRAME:012218/0961

20040601 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20040204

UP - 2004-36

1/1 CRXX - ©CLAIMS/RRX

PN - 6,524,717 A 20030225 [US6524717]

PA - Hitachi Chemical Co Ltd JP

ACT - 20040204 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040601

REISSUE REQUEST NUMBER: 10/771260

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1712

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,53

The cost estimation below is based on Questel's
standard price list

Estimated cost :	1.45 USD
Records displayed and billed :	1
Estimated cost :	1.40 USD
Cost estimated for the last database search :	2.85 USD
Estimated total session cost :	3.49 USD

LGST - Time in minutes : 0,24

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.31 USD
Records displayed and billed :	1
Estimated cost :	0.65 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.46 USD
Estimated total session cost :	4.95 USD

CRXX - Time in minutes : 0,16

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.29 USD
Records displayed and billed :	1
Estimated cost :	5.70 USD
Legal-Status informations :	1
Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.49 USD
Estimated total session cost :	11.44 USD

LITA - Time in minutes : 0,02

The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.04 USD
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Cost estimated for the last database search : 0.04 USD
Estimated total session cost : 11.48 USD

Selected file: INPADOC

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2005-18)
For information on content, (...)INFO INPD.

Search statement 1

Query/Command : FAM US6524717/PN

1 Patent Groups

**** SS 1: Results 5**

Search statement 2

Query/Command : FAMSTATE NONSTOP

I / 5 INPADOC - ©INPADOC

PN - EP 1178074 A1 20020206 [EP1178074]
TI - PREPREG, METAL-CLAD LAMINATE, AND PRINTED CIRCUIT BOARD
OBTAINED FROM THESE
PREIMPREGNE, STRATIFIE A REVETEMENT METALLIQUE ET CARTE
A CIRCUIT IMPRIME OBTENUE A PARTIR DE CEUX-CI
PREPREG, MIT METALL BEDECKTER SCHICHTSTOFF, UND HIERAUS
ABGELEITETE LEITERPLATTE
LA - ENG
IN - TAKANO NOZOMU [JP]; FUKUDA TOMIO [JP]; MIYATAKE MASATO
[JP]; OSE MASAHIWA [JP]
PA - HITACHI CHEMICAL CO LTD [JP]
AP - EP 903999/00-A 20000217 [2000EP-0903999]
PR - WO 200000891/00(JP)-W 20000217 [2000WO-JP00891]
JP 40754/99-A 19990219 [1999JP-0040754]
IC - C08J-005/24; C08L-101/00; C08L-083/04; C08K-003/00; C08K-009/06; H05K-
001/03
DS - DE* FR* NL*

I / 1 LEGALI - ©EPO

PN - EP1178074 A1 20020206 [EP1178074]EP1178074 A4 20020918 [EP1178074]
AP - EP00903999 20000217 [2000EP-0903999]
ACTE - 20020206 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20020206 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 20010918

20020206 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
DE FR NL

20020918 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
DE FR NL

20020918 EP/A4-A [+]
SUPPLEMENTARY SEARCH REPORT
EFFECTIVE DATE: 20020805

20020918 EP/RIC1-A
CLASSIFICATION (CORRECTION)
7C 08J 5/24 A, 7C 08L 101/00 B, 7C 08L 83/04 B, 7C 08K 3/00 B, 7C 08K 9/06
B, 7B 32B 27/04 B, 7H 05K 1/03 B

20030813 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 20030625

20040526 EP/RBV-A [+]
DESIGNATED CONTRACTING STATES (CORRECTION):
DE FR NL

UP - 2004-22

2/5 INPADOC - ©INPADOC

PN - EP 1178074 A4 20020918 [EP1178074]
TI - PREPREG, METAL-CLAD LAMINATE, AND PRINTED CIRCUIT BOARD
OBTAINED FROM THESE
LA - ENG
IN - TAKANO NOZOMU [JP]; FUKUDA TOMIO [JP]; MIYATAKE MASATO
[JP]; OSE MASAHIRO [JP]
PA - HITACHI CHEMICAL CO LTD [JP]
AP - EP 903999/00-A 20000217 [2000EP-0903999]
PR - WO 200000891/00(JP)-W 20000217 [2000WO-JP00891]
JP 40754/99-A 19990219 [1999JP-0040754]
IC - C08J-005/24; C08L-101/00; C08L-083/04; C08K-003/00; C08K-009/06; B32B-
027/04; H05K-001/03
DS - DE* FR* NL*

1 / 1 LEGALI - ©EPO

PN - EP1178074 A1 20020206 [EP1178074]EP1178074 A4 20020918 [EP1178074]

AP - EP00903999 20000217 [2000EP-0903999]

ACTE - 20020206 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20020206 EP/17P-A [+]

REQUEST FOR EXAMINATION FILED

EFFECTIVE DATE: 20010918

20020206 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

DE FR NL

20020918 EP/AK-A [+]

DESIGNATED CONTRACTING STATES:

DE FR NL

20020918 EP/A4-A [+]

SUPPLEMENTARY SEARCH REPORT

EFFECTIVE DATE: 20020805

20020918 EP/RIC1-A

CLASSIFICATION (CORRECTION)

7C 08J 5/24 A, 7C 08L 101/00 B, 7C 08L 83/04 B, 7C 08K 3/00 B, 7C 08K 9/06
B, 7B 32B 27/04 B, 7H 05K 1/03 B

20030813 EP/17Q-A [+]

FIRST EXAMINATION REPORT

EFFECTIVE DATE: 20030625

20040526 EP/RBV-A [+]

DESIGNATED CONTRACTING STATES (CORRECTION):

DE FR NL

UP - 2004-22

3 / 5 INPADOC - ©INPADOC

PN - JP 2000301534 A2 20001031 [JP2000301534]

TI - PREPREG, METAL-CLAD LAMINATED BOARD, AND PRINTED WIRING
BOARD USING PREPREG AND LAMINATED BOARD

IN - TAKANO MARE; FUKUDA TOMIO; MIYATAKE MASATO; OSE
MASAHISA

PA - HITACHI CHEMICAL CO LTD

AP - JP 2000041462/00-A 20000215 [2000JP-0041462]

PR - JP 2000041462/00-A 20000215 [2000JP-0041462]
JP 40754/99-A 19990219 [1999JP-0040754]

IC - B29B-011/16; B32B-005/28; B32B-015/08; B32B-027/20; C08J-005/08; C08J-005/24; H05K-001/03; B29K-105/08; B29K-105/16; B29L-009/00; B29L-031/34

4 / 5 INPADOC - ©INPADOC

PN - US 6524717 BA 20030225 [US6524717]
TI - PREPREG, METAL-CLAD LAMINATE, AND PRINTED CIRCUIT BOARD OBTAINED FROM THESE
IN - TAKANO NOZOMU [JP]; FUKUDA TOMIO [JP]; MIYATAKE MASATO [JP]; OSE MASAHI SA [JP]
PA - HITACHI CHEMICAL CO LTD [JP]
AP - US 913726/01-A 20010817 [2001US-0913726]
PR - JP 40754/99-A 19990219 [1999JP-0040754]
WO 200000891/00(JP)-W 20000217 [2000WO-JP00891]
IC - B32B-015/08; B32B-025/20; C08R-009/06

1 / 1 LEGALI - ©EPO

PN - US6524717 B1 20030225 [US6524717]
AP - US91372601 20010817 [2001US-0913726]
ACTE - 20010817 US/AS-A
ASSIGNMENT
OWNER: HITACHI CHEMICAL CO., LTD. 1-1, NISHI-SHINJUKU 2-C;
EFFECTIVE DATE: 20010803
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:TAKANO,
NOZOMU;FUKUDA, TOMIO;MIYATAKE, MASATO;AND
OTHERS;REEL/FRAME:012218/0961

20040601 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040204

UP - 2004-36

5 / 5 INPADOC - ©INPADOC

PN - WO 200049070 A1 20000824 [WO200049070]
TI - PREPREG, METAL-CLAD LAMINATE, AND PRINTED CIRCUIT BOARD OBTAINED FROM THESE
LA - JAP
IN - TAKANO NOZOMU [JP]; FUKUDA TOMIO [JP]; MIYATAKE MASATO [JP]; OSE MASAHI SA [JP]
PA - HITACHI CHEMICAL CO LTD [JP]; TAKANO NOZOMU [JP]; FUKUDA TOMIO [JP]; MIYATAKE MASATO [JP]; OSE MASAHI SA [JP]
AP - WO JP 200000891/00(JP)-A 20000217 [2000WO-JP00891]
PR - JP 40754/99-A 19990219 [1999JP-0040754]
IC - C08J-005/24; C08L-101/00; C08L-083/04; C08K-003/00; C08K-009/06; H05K-001/03

DS - KR* SG* US* AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

1/1 LEGALI - ©EPO

PN - WO200049070 A1 20000824 [WO200049070]

AP - WOJP0000891 20000217 [2000WO-JP00891]

ACTE - 20000824 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
SEARCH REPORT
KR SG US

20000824 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20000921 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20001018 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
DESIGNATED IN THIS APPLICATION

20010817 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
US 2001 913726A 20010817 [2001US-0913726]

UP - 2003-22

Search statement 2

Query/Command : ..ST

Session finished: 10 MAY 2005 Time 13:48:38

INPADOC - Time in minutes : 0,73
The cost estimation below is based on Questel's
standard price list

Number of ..FAM command :	1	Estimated cost :	0.97 USD
Cost estimated for the last database search :	12.00 USD	Estimated total session cost	24.45 USD

LEGALI - Time in minutes : 0,25
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.33 USD
Cost estimated for the last database search :	0.33 USD
Estimated total session cost	24.78 USD

Your session will be retained for 2 hours.

QUESTEL.ORBIT thanks you. Hope to hear from you again soon.

PATNO IS 6524717

DATE: MAY 10, 2005
LIBRARY: PATENT
FILE: ALL

Your search request is:

PATNO IS 6524717

Number of PATENTS found with your search request through:

LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.

To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.

To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6524717 , February 25, 2003 , Prepreg, metal-clad laminate, and printed circuit board obtained from these, Takano, Nozomu - Yuki, Japan (JP); Fukuda, Tomio - Shimodate, Japan (JP); Miyatake, Masato - Shimodate, Japan (JP); Ose, Masahisa - Shimodate, Japan (JP), 913726 (09), Hitachi Chemical Co., Ltd., Tokyo, Japan (JP), 03, August 17, 2001 - ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS) ., HITACHI CHEMICAL CO., LTD. 1-1, NISHI- SHINJUKU 2-CHOME, SHINJUKU-KU TOKYO 163-0449 JAPAN, Reel and Frame Number: 12218/0961

CORE TERMS: inorganic, filler, resin, polymer, silicone, laminated, compound, siloxane, prepreg, silane ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6524717

February 25, 2003

Prepreg, metal-clad laminate, and printed circuit board
obtained from these

REISSUE: February 4, 2004 - Reissue Application filed Ex. Gp.: 1712; Re. S.N.
10/771,260 (O.G. June 1, 2004)

APPL-NO: 913726 (09)

FILED-DATE: August 17, 2001

GRANTED-DATE: February 25, 2003

CORE TERMS: inorganic, filler, resin, polymer, silicone, laminated, compound,
siloxane, prepreg, silane ...

6524717 OR 6,524,717

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Mellerson, Kendra

From: Unknown@Unknown.com
Sent: Monday, May 09, 2005 3:25 PM
To: STIC-EIC1700
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= _____

LogNumber= _____

Searcher= _____

SearcherPhone= _____

SearcherBranch= _____

MyDate=Mon May 9 15:25:15 EDT 2005

submitto=STIC-EIC1700@uspto.gov

Name=Jeffrey Robertson

Empno=77279

Phone=571-272-1092

Artunit=1712

Office=REM10A69

Serialnum=09/913,726

PatClass=

Earliest=

Format3=email

Searchtopic=I would like a litigation search for this application, patent number 6,524,717, for reissue application 10/771,260. Thank you.

Comments=

send=SEND